

FIG. 1

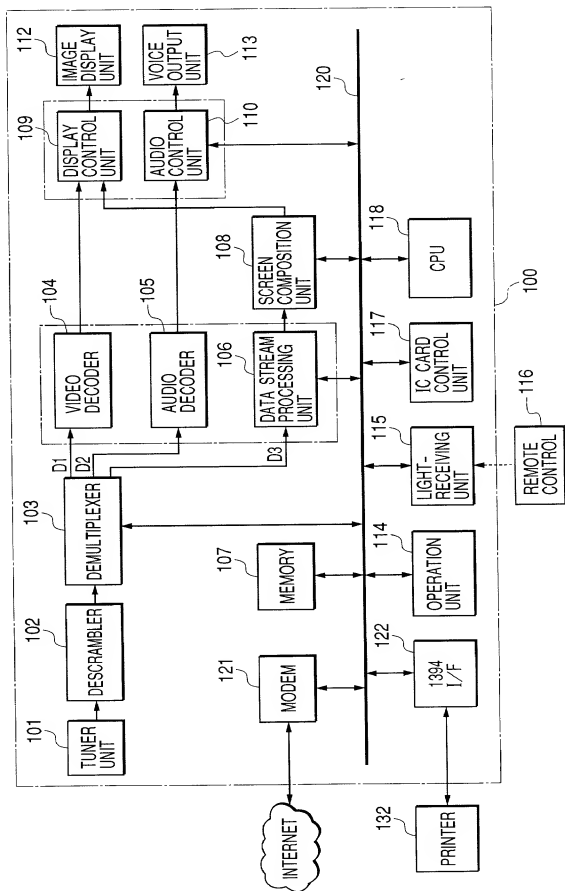


FIG. 2

|       | program_map_section(){          | THE NUMBER<br>OF BITS | VALUE         |
|-------|---------------------------------|-----------------------|---------------|
| (I)   | table_id                        | 8                     | 0x02          |
|       | section_syntax_indicator        | 1                     | 1(binary)     |
|       | '0'                             | 1                     | 0(binary)     |
|       | reserved                        | 2                     | 11(binary)    |
|       | section_length                  | 12                    | 0x035         |
|       | program_number                  | 16                    | 0x0071        |
|       | reserved                        | 2                     | 11(binary)    |
|       | version_number                  | 5                     | 00000(binary) |
|       | current_next_indicator          | 1                     | 1(binary)     |
|       | section_number                  | 8                     | 0x00          |
|       | last_section_number             | 8                     | 0x00          |
| (II)  | reserved                        | 3                     | 111(binary)   |
|       | PCR_PID                         | 13                    | 0x1FF         |
|       | reserved                        | 4                     | 1111(binary)  |
|       | program_info_length             | 12                    | 0x000         |
| (III) | stream_type                     | 8                     | 0x02          |
|       | reserved                        | 3                     | 111(binary)   |
|       | elementary_PID                  | 13                    | 0x0100        |
|       | reserved                        | 4                     | 1111(binary)  |
|       | ES_info_length                  | 12                    | 0x003         |
|       | stream_identifier_descriptor(){ |                       |               |
|       | descriptor_tag                  | 8                     | 0x52          |
|       | descriptor_length               | 8                     | 0x01          |
|       | component_tag                   | 8                     | 0x00          |
|       | }                               |                       |               |
| (IV)  | stream_type                     | 8                     | 0x0F          |
|       | reserved                        | 3                     | 111(binary)   |
|       | elementary_PID                  | 13                    | 0x0110        |
|       | reserved                        | 4                     | 1111(binary)  |
|       | ES_info_length                  | 12                    | 0x003         |
|       | stream_identifier_descriptor(){ |                       |               |
|       | descriptor_tag                  | 8                     | 0x52          |
|       | descriptor_length               | 8                     | 0x01          |
|       | component_tag                   | 8                     | 0x10          |
|       | }                               |                       |               |

TO FIG. 3



FROM FIG. 2

|      |                                 |    |                |
|------|---------------------------------|----|----------------|
|      | stream_type                     | 8  | 0x0D           |
|      | reserved                        | 3  | 111(binary)    |
|      | elementary_PID                  | 13 | 0x1F40         |
|      | reserved                        | 4  | 1111(binary)   |
|      | ES_info_length                  | 12 | 0x00B          |
|      | stream_identifier_descriptor(){ |    |                |
|      | descriptor_tag                  | 8  | 0x52           |
|      | descriptor_length               | 8  | 0x01           |
|      | component_tag                   | 8  | 0x40           |
|      | }                               |    |                |
|      | data_component_descriptor(){    |    |                |
|      | descriptor_tag                  | 8  | 0xFD           |
|      | descriptor_length               | 8  | 0x06           |
|      | data_component_id               | 16 | 0x0007         |
| (V)  | additional_arib_bxml_info(){    |    |                |
|      | transmission_format             | 2  | 00(binary)     |
|      | entry_point_flag                | 1  | 1(binary)      |
|      | auto_start_flag                 | 1  | 0(binary)      |
|      | document_resolution             | 4  | 0011(binary)   |
|      | use_xml                         | 1  | 0(binary)      |
|      | default_version_flag            | 1  | 1(binary)      |
|      | independent_flag                | 1  | 1(binary)      |
|      | style_for_tv_flag               | 1  | 1(binary)      |
|      | reserved                        | 4  | 1111(binary)   |
|      | reserved                        | 8  | 0xFF           |
|      | ondemand_retrieval_flag         | 1  | 1(binary)      |
|      | file_storable_flag              | 1  | 0(binary)      |
|      | reserved                        | 6  | 111111(binary) |
|      | }                               |    |                |
|      | stream_type                     | 8  | 0x1D           |
|      | reserved                        | 3  | 111(binary)    |
|      | elementary_PID                  | 13 | 0x1F41         |
|      | reserved                        | 4  | 1111(binary)   |
|      | ES_info_length                  | 12 | 0x003          |
| (VI) | stream_identifier_descriptor(){ |    |                |
|      | descriptor_tag                  | 8  | 0x52           |
|      | descriptor_length               | 8  | 0x01           |
|      | component_tag                   | 8  | 0x50           |
|      | }                               |    |                |
|      | CRC_32                          | 32 |                |

FIG. 4

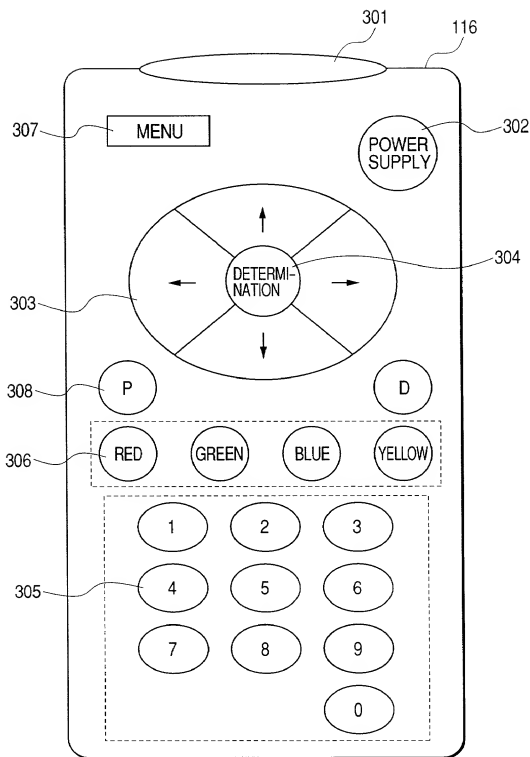


FIG. 5A

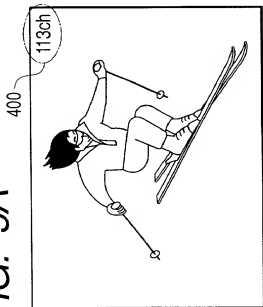


FIG. 5B

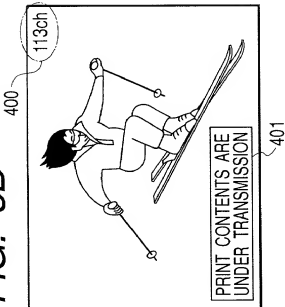


FIG. 5D

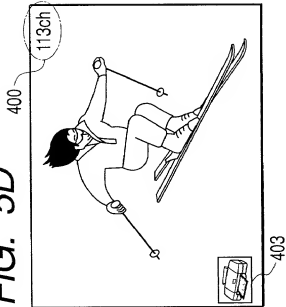


FIG. 5C

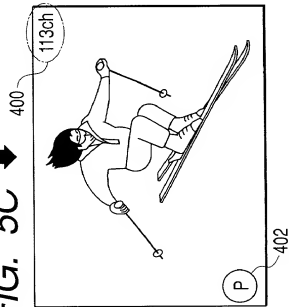


FIG. 6A

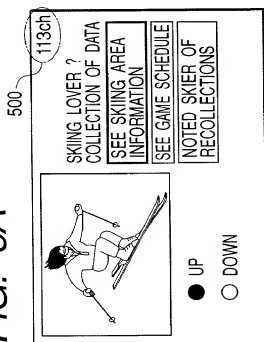


FIG. 6B

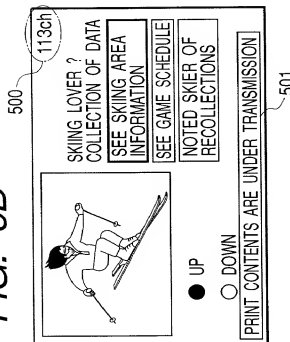


FIG. 6D

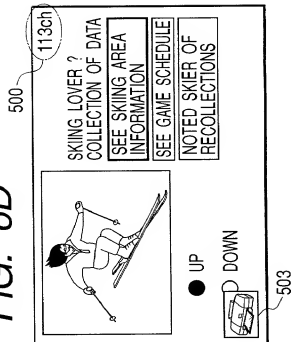


FIG. 6C

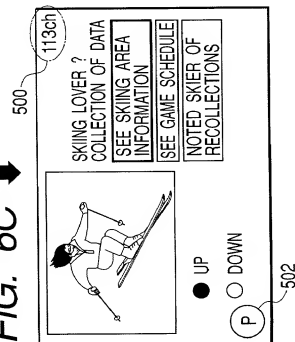
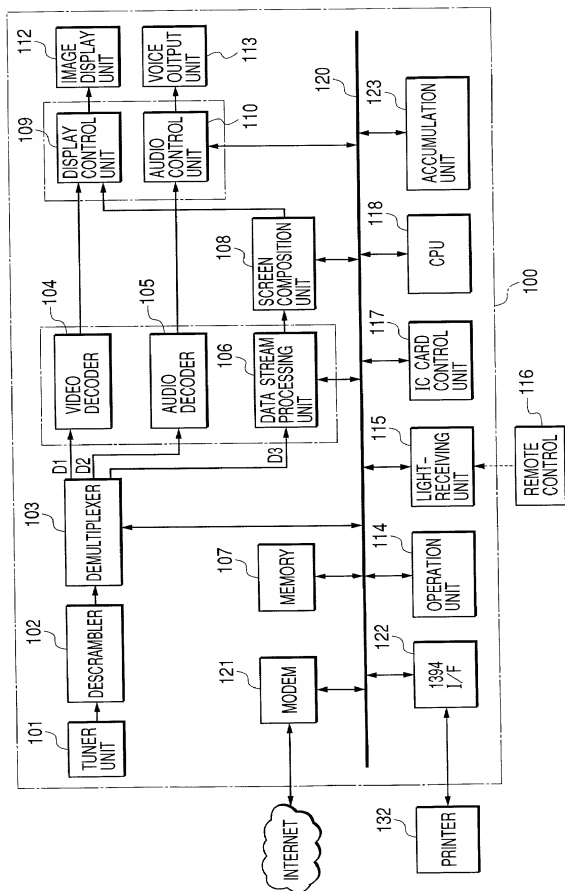


FIG. 7



*FIG. 8*

|                                 | THE NUMBER<br>OF BITS | VALUE        |
|---------------------------------|-----------------------|--------------|
| stream_type                     | 8                     | 0x1D         |
| reserved                        | 3                     | 111(binary)  |
| elementary_PID                  | 13                    | 0x1F41       |
| reserved                        | 4                     | 1111(binary) |
| ES_info_length                  | 12                    | 0x00A        |
| stream_identifier_descriptor(){ |                       |              |
| descriptor_tag                  | 8                     | 0x52         |
| descriptor_length               | 8                     | 0x01         |
| component_tag                   | 8                     | 0x50         |
| }                               |                       |              |
| data_component_descriptor(){    |                       |              |
| descriptor_tag                  | 8                     | 0xFD         |
| descriptor_length               | 8                     | 0x05         |
| data_component_id               | 16                    | 0x000F       |
| print_content_info(){           |                       |              |
| transmission_format             | 2                     | 00(binary)   |
| reserved                        | 2                     | 11(binary)   |
| document_size                   | 4                     | 0100(binary) |
| document_type                   | 4                     | 0000(binary) |
| document_volume                 | 8                     | 0x06         |
| content_storable_flag           | 2                     | 01(binary)   |
| reserved                        | 2                     | 11(binary)   |
| }                               |                       |              |
| }                               |                       |              |



FIG. 9

transmission format

|    |   |
|----|---|
| 00 | DATA CAROUSEL TRANSMISSION SYSTEM AND EVENT MESSAGE TRANSMISSION SYSTEM |
| 01 | reserved  |
| 10 | reserved  |
| 01 | reserved  |

document size

|           |   |
|-----------|---|
| 0000      | PRINT DATA OF TWO OR MORE SIZE AND RESOLUTION ARE CONTAINED |
| 0001      | A1  |
| 0010      | A2  |
| 0011      | A3  |
| 0100      | A4  |
| 0101      | A5  |
| 0110      | B1  |
| 0111      | B2  |
| 1000      | B3  |
| 1001      | B4  |
| 1010      | B5  |
| 1011      | POSTCARD  |
| 1100-1111 | reserved  |

document\_type

|           |   |
|-----------|---|
| 0000      | PRINT DATA OF TWO OR MORE KINDS ARE CONTAINED |
| 0001      | JPEG IMAGE                                    |
| 0010      | PNG IMAGE                                     |
| 0011      | TEXT DATA                                     |
| 0100-1111 | reserved                                      |

content\_storable\_flag

|    |                            |
|----|----------------------------|
| 00 | ACCUMULATION IS IMPOSSIBLE |
| 01 | ACCUMULATION IS POSSIBLE   |
| 10 | reserved                   |
| 11 | reserved                   |

FIG. 10A

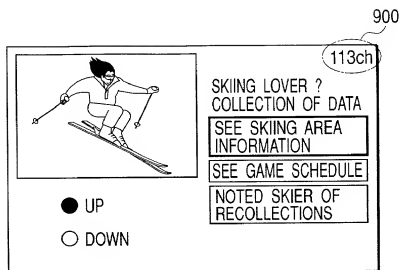


FIG. 10B

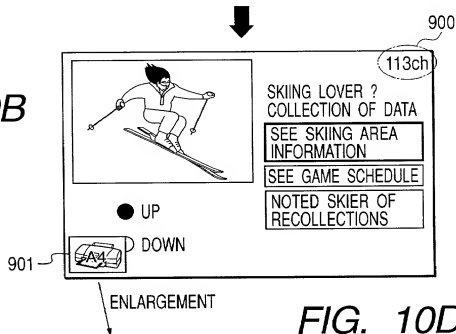


FIG. 10C

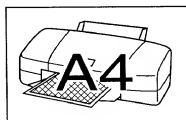


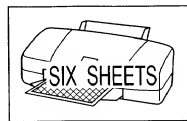
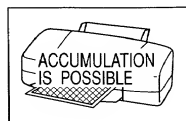
FIG. 10D



FIG. 10E



FIG. 10F



*FIG. 11*

|                                 | THE NUMBER<br>OF BITS | VALUE        |
|---------------------------------|-----------------------|--------------|
| stream_type                     | 8                     | 0x1D         |
| reserved                        | 3                     | 111(binary)  |
| elementary_PID                  | 13                    | 0x1F41       |
| reserved                        | 4                     | 1111(binary) |
| ES_info_length                  | 12                    | 0x003        |
| stream_identifier_descriptor(){ |                       |              |
| descriptor_tag                  | 8                     | 0x52         |
| descriptor_length               | 8                     | 0x01         |
| component_tag                   | 8                     | 0x50         |
| }                               |                       |              |
| data_component_descriptor(){    |                       |              |
| descriptor_tag                  | 8                     | 0xFD         |
| descriptor_length               | 8                     | 0x05         |
| data_component_id               | 16                    | 0x000F       |
| print_time_info(){              |                       |              |
| start_time                      | 40                    | 0xC9BF120000 |
| duration                        | 24                    | 0x010000     |
| }                               |                       |              |
| }                               |                       |              |

FIG. 12A

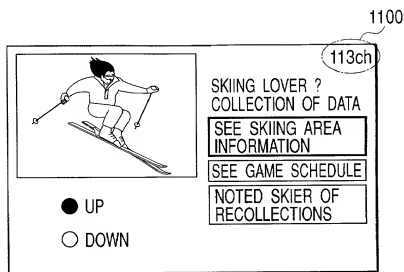
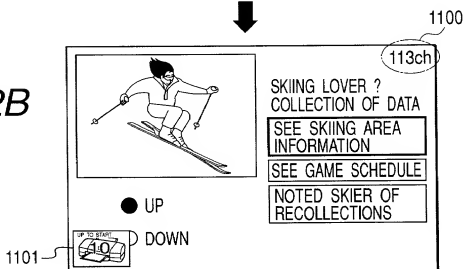


FIG. 12B



ENLARGEMENT

FIG. 12C

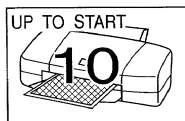


FIG. 12D

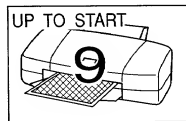


FIG. 12E



FIG. 12F

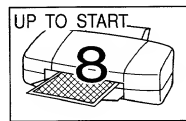
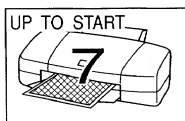


FIG. 13A

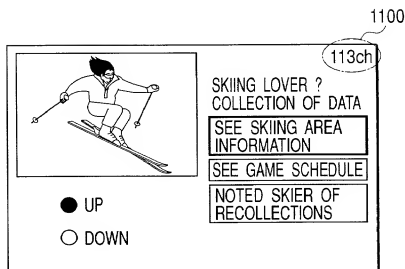
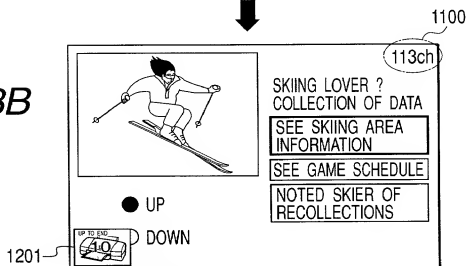


FIG. 13B



ENLARGEMENT

FIG. 13C

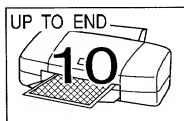


FIG. 13D

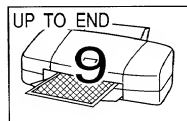


FIG. 13E

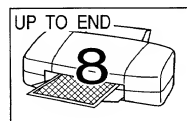
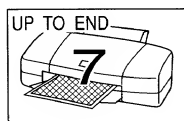


FIG. 13F



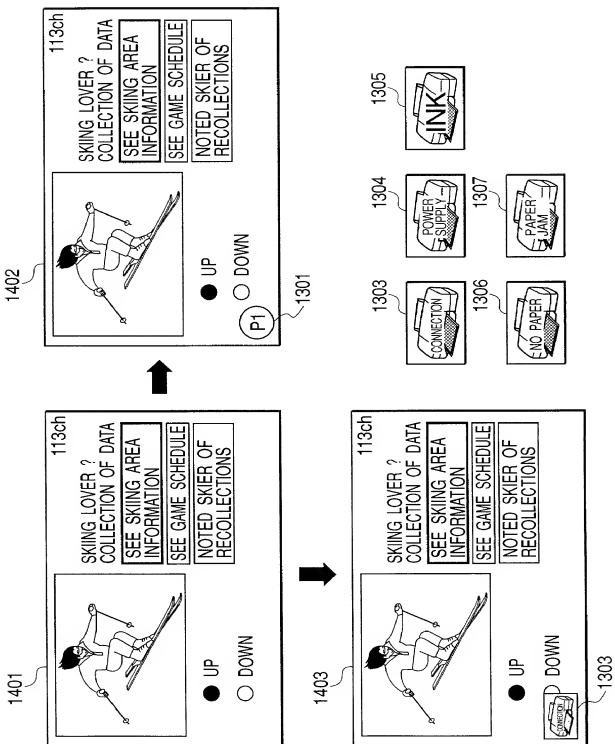


FIG. 15A

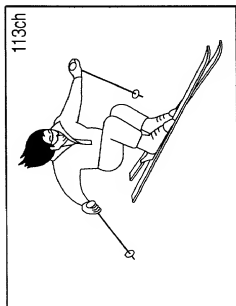


FIG. 15B

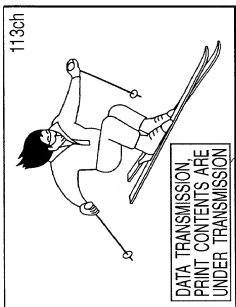


FIG. 15C

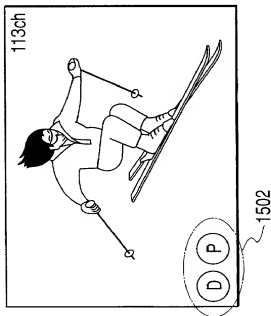


FIG. 15D

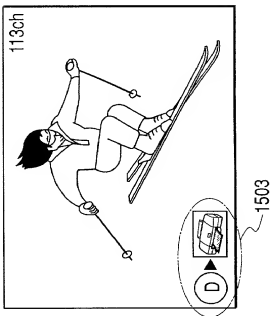


FIG. 16A

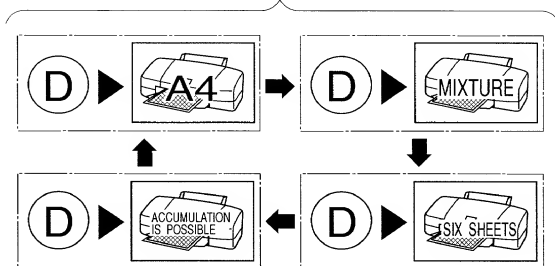


FIG. 16B

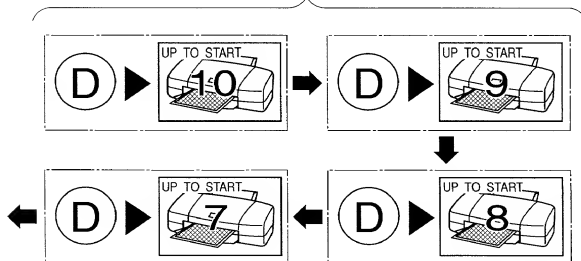
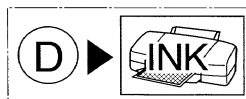
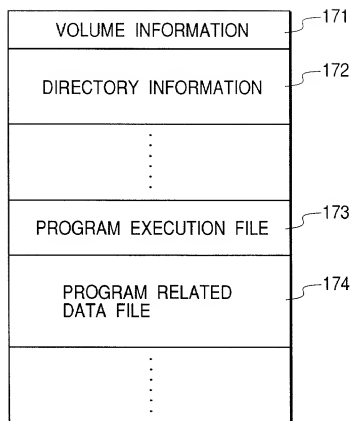


FIG. 16C





**FIG. 17****FIG. 18**